

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)    Bach L. Nguyen                      GROUP ART UNIT:                      2618

APPLN. NO.:        10/608,322                      EXAMINER:    Huang, Wen Wu

FILED:                June 27, 2003                      Confirmation No.                      7997

TITLE:                METHOD AND APPARATUS FOR CUSTOMIZATION OF USER  
INTERFACE

CERTIFICATE UNDER 37 CFR 1.8(a)	
I hereby certify that this correspondence is being electronically transmitted on the date listed below:	
Date:	March 26, 2007
Signature	/Larry G. Brown/
Typed or printed name:	Larry G. Brown

Mail Stop: **AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION OF PRIOR INVENTION IN THE UNITED STATES  
TO OVERCOME CITED PATENT OR PUBLICATION (37 C.F.R. §1.131)**

**PURPOSE OF DECLARATION**

1. This declaration is to establish completion of the invention in this application in the United States, at a date prior to May 29, 2003, which is the effective date of the prior art:

- ☒ Publication – U.S. Patent Application Publication No. 2004/0242288  
☐ Patent

That was cited by the

- ☒ Examiner  
☐ Applicant

2. The person making this declaration is (are):

- ☒ The inventor(s)  
☐ Only some of the joint inventor(s)

(and a suitable excuse is attached for failure of the omitted joint inventor(s) to sign)

- ☐ The party in interest  
(and a suitable explanation as why it is not possible to produce the declaration of the inventor(s) is attached)

### **FACTS AND DOCUMENTARY EVIDENCE**

3. To establish the date of completion of the invention of this application, the following attached documents and/or models are submitted as evidence: (check all applicable items below)

- ☐ Invention disclosure form, complete with witness and supervisor acknowledgements
- ☐ Blueprints
- ☐ Photographs
- ☐ Reproduction(s) of engineering notebook entries
- ☐ Model
- ☐ Supporting statement(s) by witness(es) (where verbal disclosures are the evidence relied upon)
- ☐ Other:

4. From these documents and/or models, Declarants aver that the invention in this application was made

- ☐ On \_\_\_\_\_
- ☒ At least by the date of February 18, 2003, which is a date earlier than the effective date of the reference.

## **DILIGENCE**

5. Listed below are statements establishing the diligence of the applicants, from the time of their conception, which is prior to the effective date of the reference, up to the:

- ☐ Actual reduction to practice
- ☒ Filing of this application
  - We are the joint inventors of all claims of the above-identified patent application.
  - By at least February 18, 2003, we conceived, in the United States of America, the idea of "METHOD AND APPARATUS FOR CUSTOMIZATION OF USER INTERFACE" as described and claimed in our patent application. We submitted an invention disclosure to a Motorola patent committee on February 18, 2003. The invention disclosure was acknowledged by two witnesses, Jeffrey Buczek and Patrick Hampton, on February 18, 2003 and by Francis Staszkesky, the manager of Bach Nguyen, a co-inventor for the disclosure, on February 25, 2003.
  - In reasonably regular order and in accordance with customary procedure, the Motorola patent committee reviewed the disclosure and decided to file a patent application for the disclosure on April 2, 2003.
  - In reasonably regular order and in accordance with customary procedure, our disclosure was assigned to Motorola attorney Larry Brown, who prepared the current patent application and filed it on June 27, 2003.

## **TIME PRESENTATION OF THE DECLARATION**

(Complete (a), (b), or (c))

6.

- ☒ (a) This declaration is submitted prior to final rejection
- ☐ (b) This declaration is submitted with the first response after final rejection, and is for the purpose of overcoming a new ground of rejection or requirement made in the final rejection

- (c) This declaration is submitted after final rejection. A showing under 37 C.F.R. §1.116(b) is submitted herewith

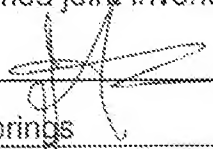
### **DECLARATION**


7. As a person signing below:

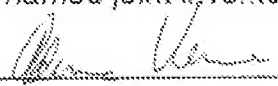
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURES

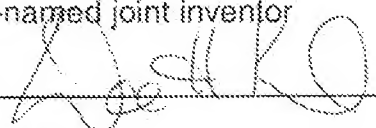
Full name of first-named or sole inventor			Bach L. Nguyen
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		Zip Code

MATERIALS IN SUPPORT OF 131  
DECLARATION



## Disclosure CE11124JI220 (18483)

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**ID:** CE11124JI220 (18483)  
**Title:** Factory, Field and End User replaceable side button  
**Innovators:** Bach Nguyen, Julio Castaneda, Scott Musil, D Verne  
**Status:** Filed   
**Disposition:** Pursue   
**Combined with:** CE11346JI220 (18485)  
**Submitted Date:** 18 Feb 2003  
**Review Date:** 2 Apr 2003  
**Motorola Business:** NE  
**Patent Committee:** Plantation - IDEN Subscriber Group - User interface & Accessibility  
**Business Unit:** NET-IDEN Subscriber Group (ISG)  
**Organization:** GTSS, IDENWLAN, ISG, PROD DEV  
**Department:** ET536  
**Location:** FL08  
**Submit Country:** USA

### Workflow

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Role	Name	Action
First Innovator	Bach Nguyen	Verification Complete 2/18/2003
Co-Innovator	Julio Castaneda	Verification Complete 2/18/2003
Co-Innovator	Scott Musil	Verification Complete 2/18/2003
Co-Innovator	D Verne	Verification Complete 2/19/2003
Witness	Jeffrey Buczek	Acknowledgement Complete 2/18/2003, Notebook Signed
Witness	Patrick Hampton	Acknowledgement Complete 2/18/2003, Notebook Not Signed
Manager	Frank Staszsky	Acknowledgement Complete 2/25/2003
Technical Reviewer	Habib Amirzadeh	Review Complete 3/4/2003
Technical Reviewer	Julio Castaneda	Review Complete 3/4/2003
Technical Reviewer	Jim Tracy	Review Complete 3/5/2003
Technical Reviewer	Rudy Yorio	Review Complete 3/10/2003
Attorney Reviewer	Scott Gerratt	Review Complete 3/13/2003


### Reviewer Information

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Role	Name	Action
Technical Reviewer	Habib Amirzadeh	
Technical Reviewer	Julio Castaneda	

Technical Reviewer Jim Tracy  
 Technical Reviewer Rudy Yorlo  
 Attorney Reviewer Scott Garrett  
 Grading Results

#### Documents

	Document Name	Description	Document Type	Uploaded By	Uploaded Date	Size
	User Replaceable Side Button.doc		Unspecified		5 Mar 2003	1.4 Mb

#### Questions

**Name of Innovation or Engineering Development?**  
 Factory, Field and End User replaceable side button

**What is the problem(s) to be resolved by or need(s) for your idea?**

Customizability of components to enhance business revenue has always been a growing requirement. The side button being one of the most prominent features in an IDEN product, it became a leading candidate to make this component replaceable. Historically, side buttons have been fixed in the product and any customization was performed by a field service person (s) or by the manufacturing team. This increases cost by increasing the number of models and/or labor required to disassemble and assemble the product. This concept addresses replaceability and logistic complexity; the side button is assembled outside of the product as one of the last parts and the unique retention features allow the button to be continually assembled and disassembled with minimum effort and without compromising robustness. The ease of assembly and disassembly allows for customization at any location from the manufacturing location through to the end user.

**What patents or publications describe your idea and why don't they resolve the problem(s) or fulfill the need(s)?**

There is prior art with side buttons that are assembled from the outside of the product however they do not allow the component to be replaced and customized.

**What is the idea you are disclosing? Please provide a written description summarizing the idea. Please define all acronyms and other terms of art used.**

Side button concept designed with retention features which keep the button captive and makes the button replaceable.

**How does this idea resolve the problem(s) or fulfill the need(s) in a new way?**

The concept was designed with retention features that capture the side button in the product without any additional components required for captivity. Additionally, the robustness of the retention features allow for the part to be continually replaced for repair or customization. In the past, the button has always been captive internal to the product or with an additional component for captivation. Field and end user replaceability is also being addressed which has not been addressed in the past.

**How or where will this idea be used (e.g. what process or product will it be applied to)?**

**Please enter one or more key words that may be used to identify your disclosure.**

**Is this disclosure a resubmission of a disclosure you have previously submitted?**

NO

**Please enter the forum from which this idea originated - e.g. Quest for Innovation,**

Advanced Inventing Session, Patent Scrub, etc. (Optional).

Do you plan to disclose your idea outside of Motorola (e.g. conference, publication, customer meeting, product offering, etc.)?

NO

Is your idea known or has it been disclosed outside of Motorola without a duty of confidence (e.g., non-disclosure agreement, joint development agreement, etc.)?

NO

Has a product incorporating your idea been sold, offered for sale, placed in production, qualification, sampled, described in any publication (including Motorola promotional literature), marketed, shipped to anyone outside of Motorola (customer or distributor), or placed into inventory?

What is the earliest verifiable date that you communicated your idea to an individual that is NOT an innovator (e.g., the date a non-innovator witness signed your engineering notebook)?

Was your idea created or developed through work performed with a consortium, alliance, government contract, university, or joint venture?

NO

Please specify the Export Control Classification Number(s) (ECCN) to which this disclosure pertains

Unknown

#### Standards

None Selected

#### Technology Areas

KT - NET - 220 User Interface and Accessibility (ISG) - (Inactive)

(Primary)

#### TTD/Labs Project Number

None Selected

#### Innovators

**Bach L. Nguyen**

The address and personal information for this innovator should be treated as confidential.

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Motorola: NE

Business: NET-IDEN Subscriber Group

Business:

Unit: (ISG)

Citizenship: USA

Residential

Mailing

Address:

Address:

USA

USA

**Julio C. Castaneda**

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Citizenship:	USA		
Residential		Mailing	
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			USA

Scott F. Musil

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Adema Verne (D)

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Mail Drop:		Manager:	Steve Joss
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Residential		Mailing	
Address:		Address:	

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Attorney-Client Privileged Upon Completion

Send any comments to: [eIntelligence Contacts](#)  
Last Updated: March 5th, 2007

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ATTACHMENT TO INVENTION DISCLOSURE



